

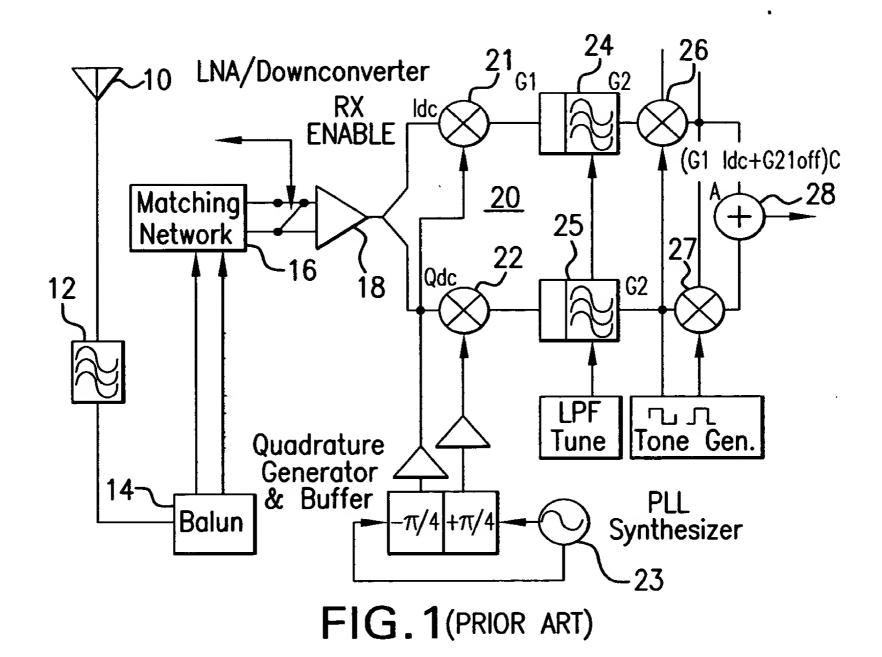
Replacement Sheet

Sheet 1 of 6

Appl. No. 09/837,897; Filed: Apr 18, 2001 Dkt No. 1875.7940000; Group Unit: 2817

Inventor: Stephen ALLOTT Tel. No.: 202-371-2600

For: Transconductance Device Employing Native MOS



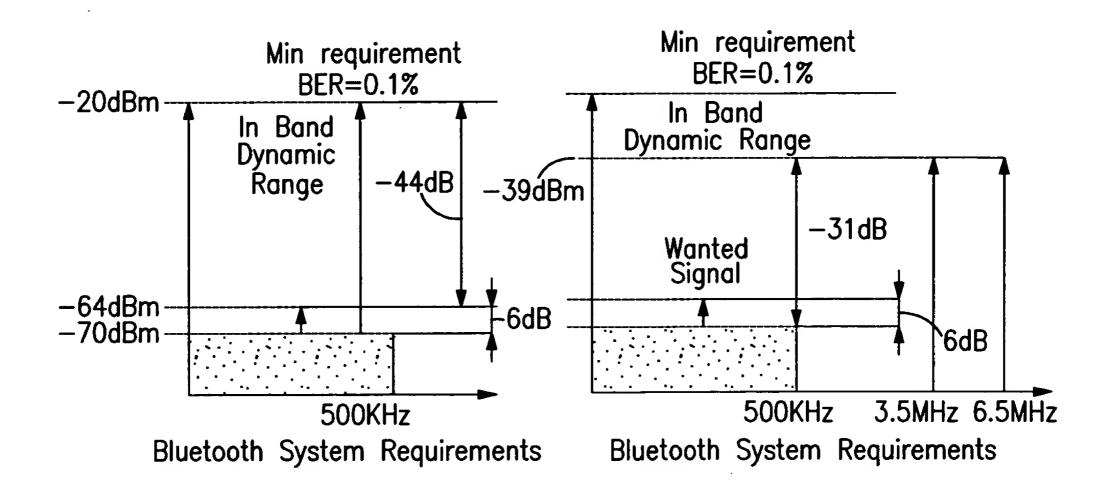


FIG.2A (PRIOR ART)

FIG.2B (PRIOR ART)

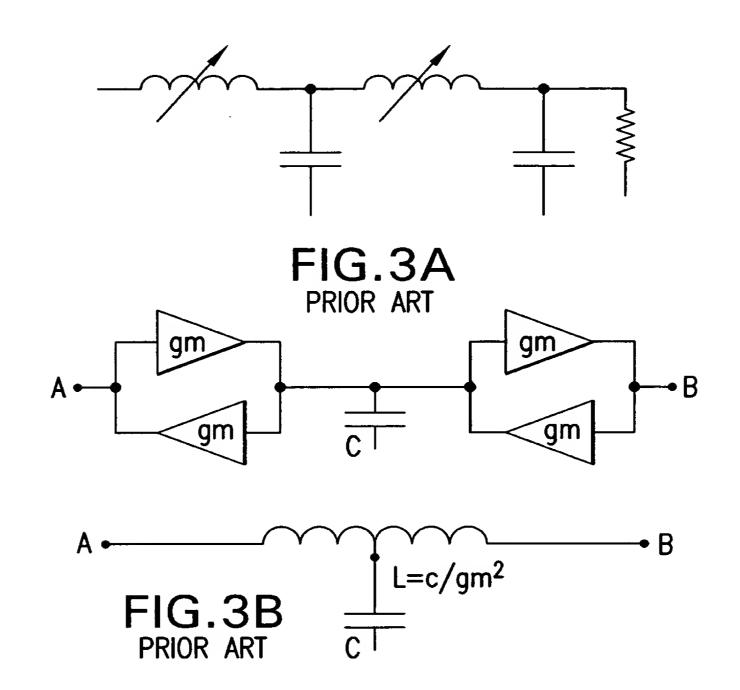
Replacement Sheet

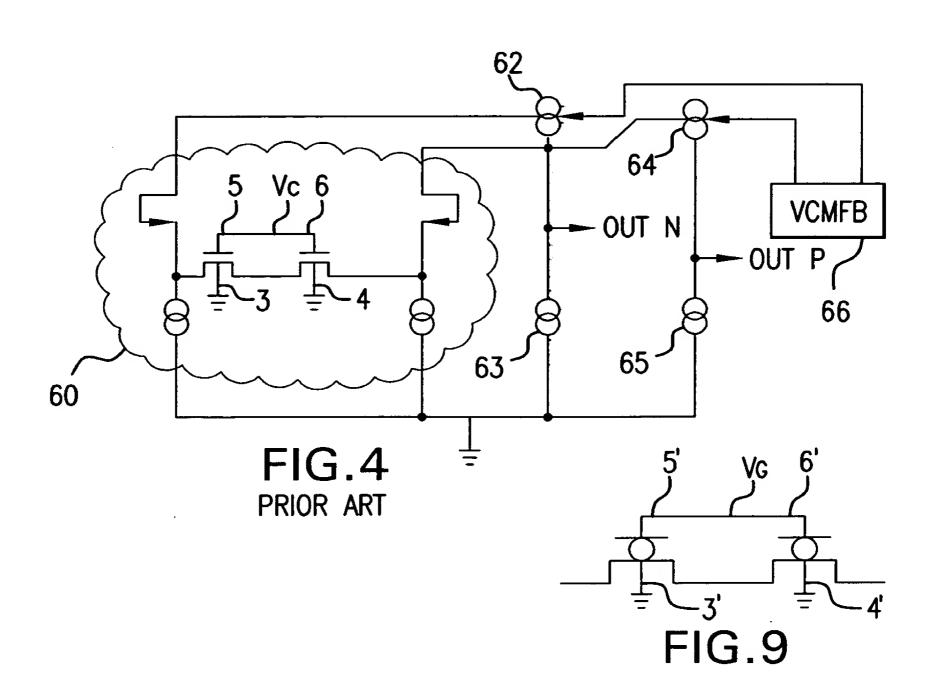
Sheet 2 of 6

Appl. No. 09/837,897; Filed: Apr 18, 2001 Dkt.No. 1875.7940000; Group Unit: 2817

Inventor: Stephen ALLOTT Tel. No.: 202-371-2600

For: Transconductance Device Employing Native MOS





Replacement Sheet Sheet 3 of 6

Appl. No. 09/837,897; Filed: Apr 18, 2001 Dkt No. 1875.7940000; Group Unit: 2817

Inventor: Stephen ALLOTT Tel. No.: 202-371-2600

For: Transconductance Device Employing Native MOS

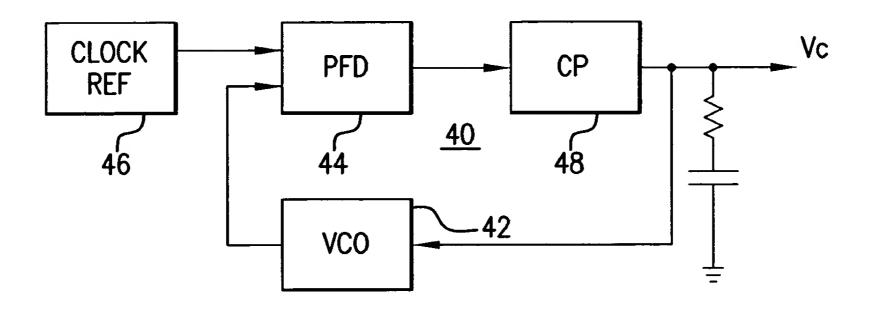


FIG.5

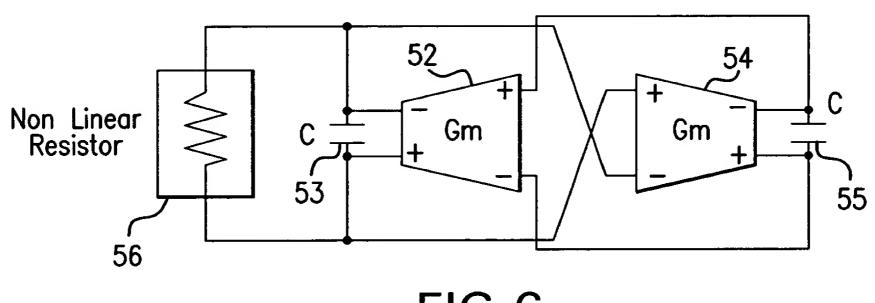


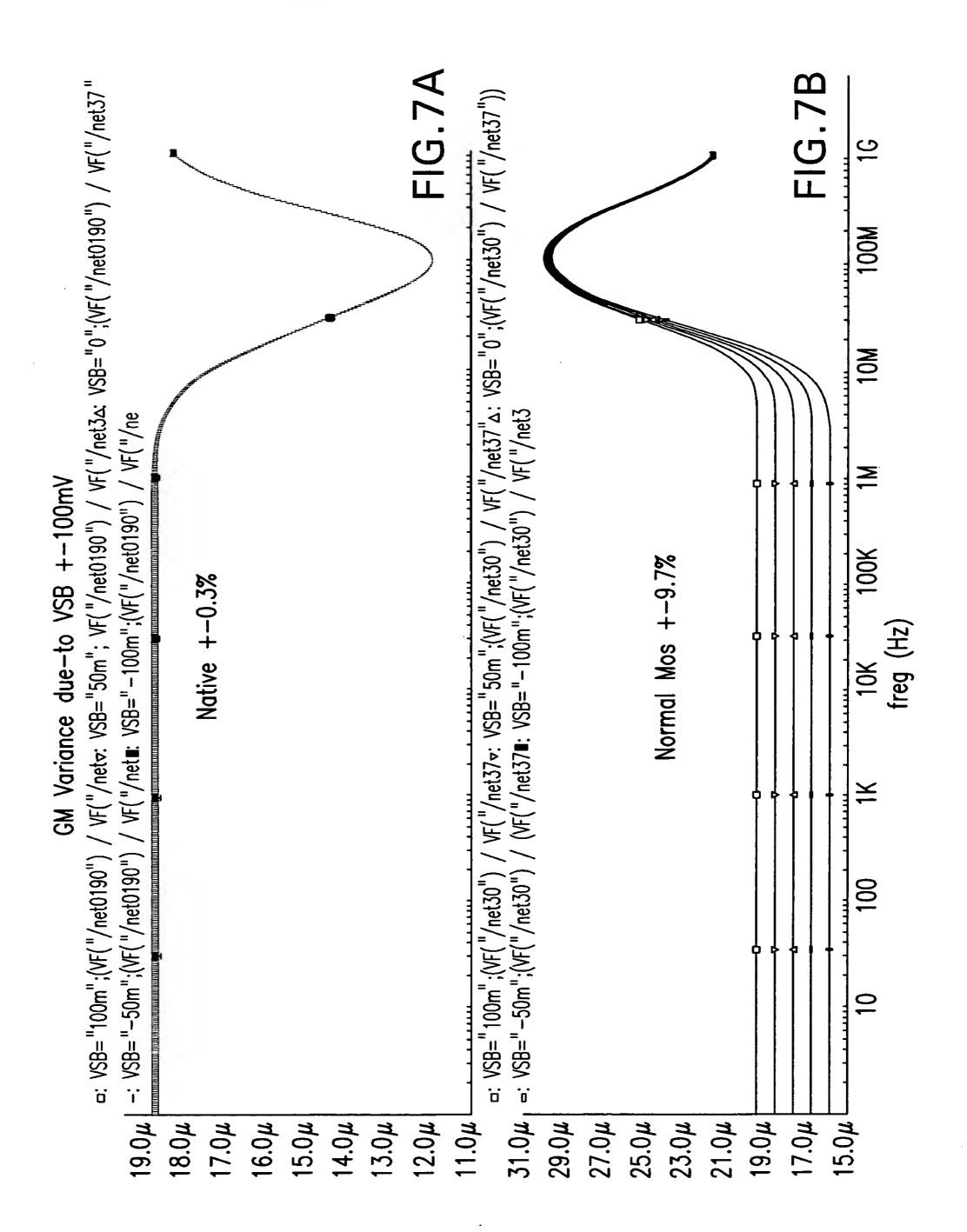
FIG.6
The GM VCO

Replacement Sheet Sheet 4 of 6

Appl. No. 09/837,897; Filed: Apr 18, 2001

-Dkt No. 1875.7940000; Group Unit: 2817 Inventor: Stephen ALLOTT Tel. No.: 202-371-2600

For: Transconductance Device Employing Native MOS



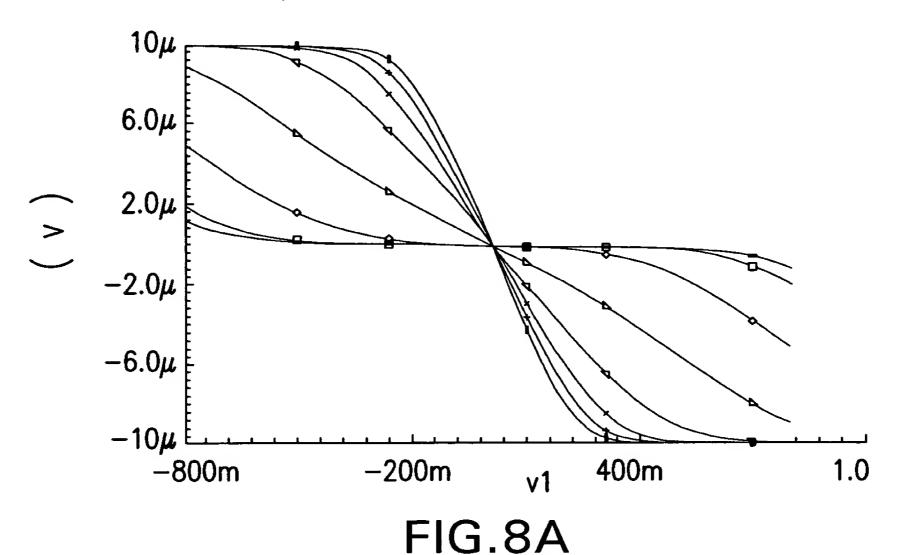
Replacement Sheet Sheet 5 of 6 Appl. No. 09/837,897; Filed: Apr 18, 2001 Dkt No. 1875.7940000; Group Unit: 2817

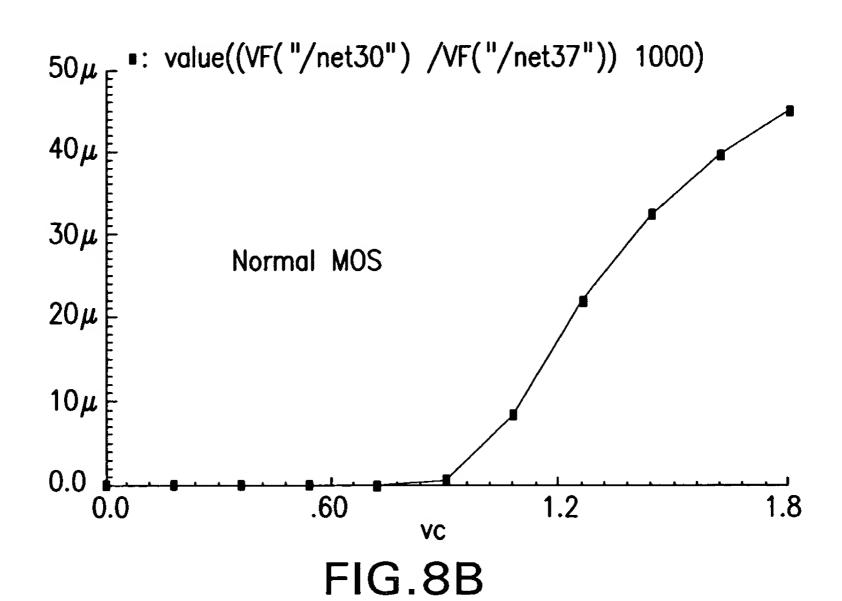
Inventor: Stephen ALLOTT Tel. No.: 202-371-2600

For: Transconductance Device Employing Native MOS

Transistors

## Current Linearity and Vc dynamic Range





Replacement Sheet

Sheet 6 of 6

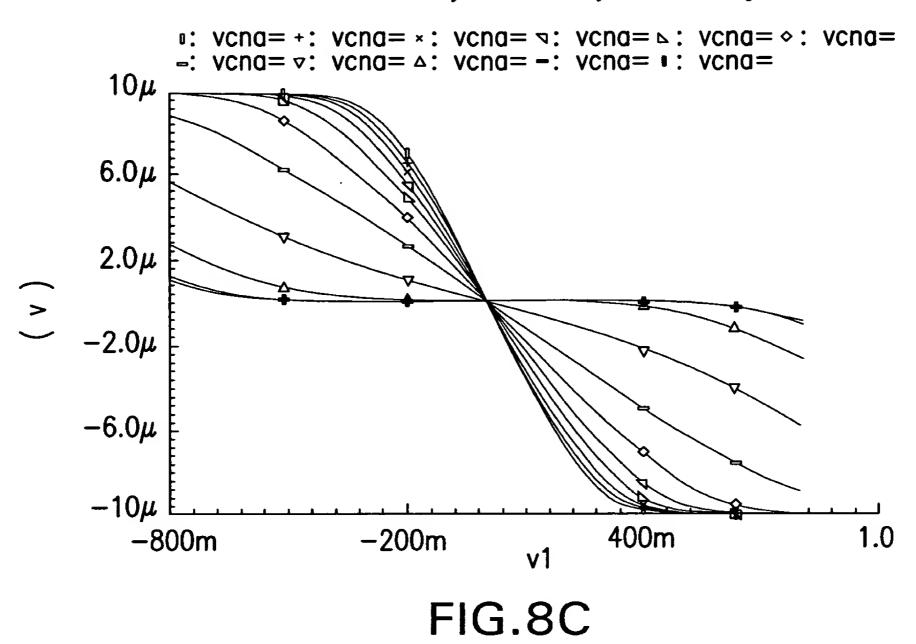
Appl. No. 09/837,897; Filed: Apr 18, 2001 Dkt No. 1875.7940000; Group Unit: 2817

Inventor: Stephen ALLOTT

Tel. No.: 202-371-2600 For: Transconductance Device Employing Native MOS

**Transistors** 

## Current Linearity and Vc dynamic Range



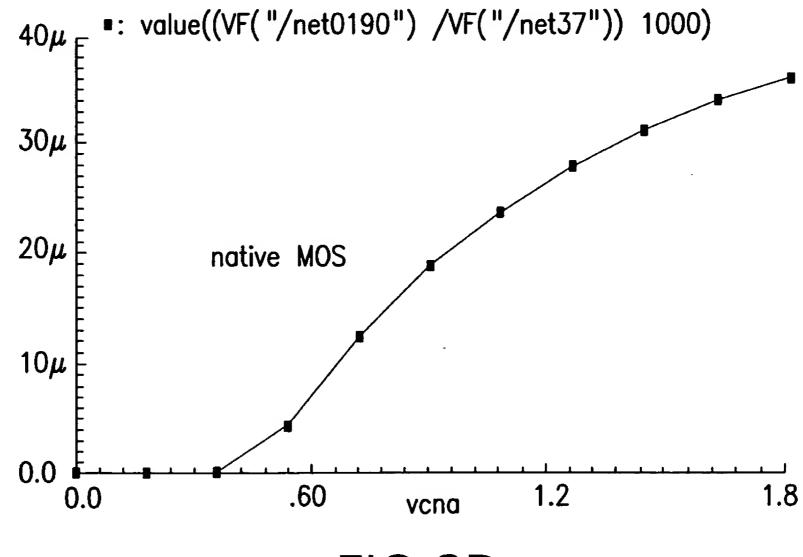


FIG.8D